Xerox Docket No. A/99094

## PATENT APPLICATION

## HE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Robert P. LOCE et al.

Application No.: 09/768,161

Filed: January 24, 2001

For:

LOOSE GRAY-SCALE TEMPLATE MATCHING FOR IMAGE PROCESSING OF ANTI-ALIASED LINES (AS AMENDED)

Docket No.: 105432

Examiner:

Group Art Unit: 2625

J. Strege

LETTER TO THE OFFICIAL DRAFTSPERSON RECEIVED MAY 1 9 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Technology Center 2600

Sir:

Please substitute the attached eighteen (18) sheets of formal drawings depicting Figures 1-18 for the drawings filed with the application.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Jaquelin K. Spong

Registration No. 52,241

JAO:JKS/scg

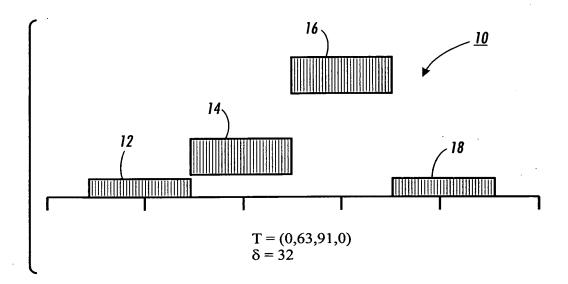
Date: May 17, 2004

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE AUTHORIZATION** Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 24-0037



FIG. 1



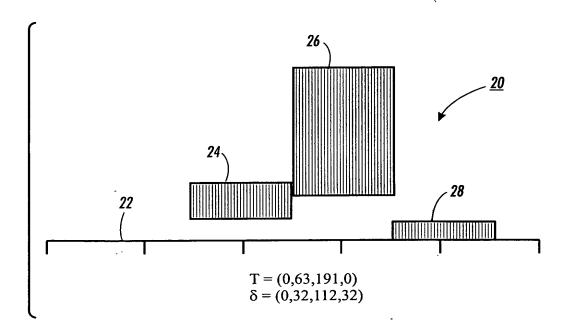


FIG. 2



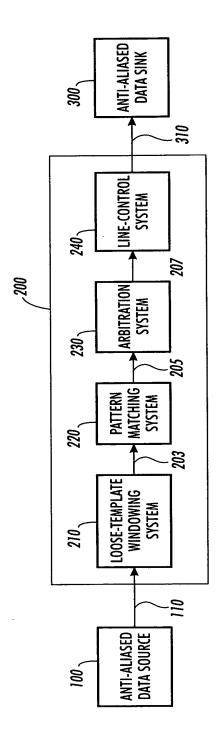
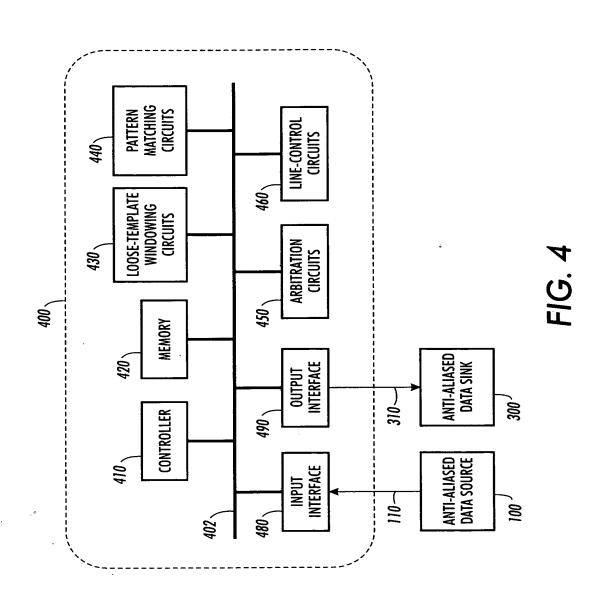


FIG. 3





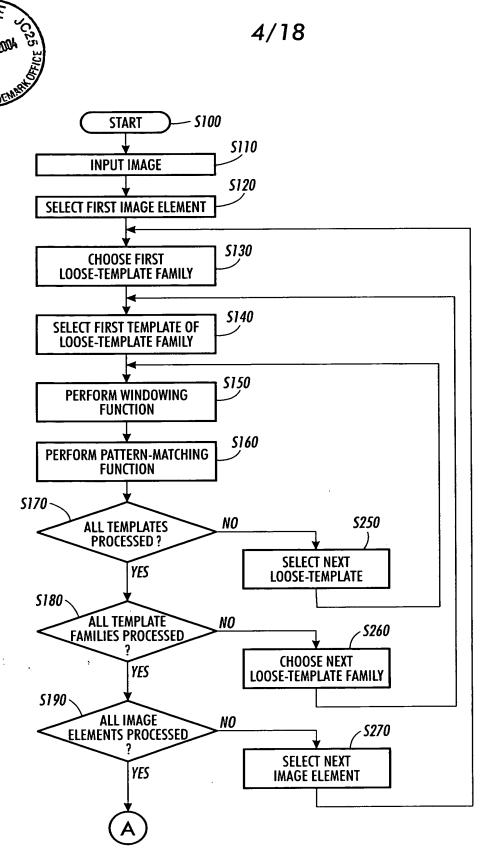


FIG. 5A



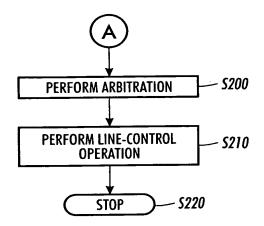


FIG. 5B



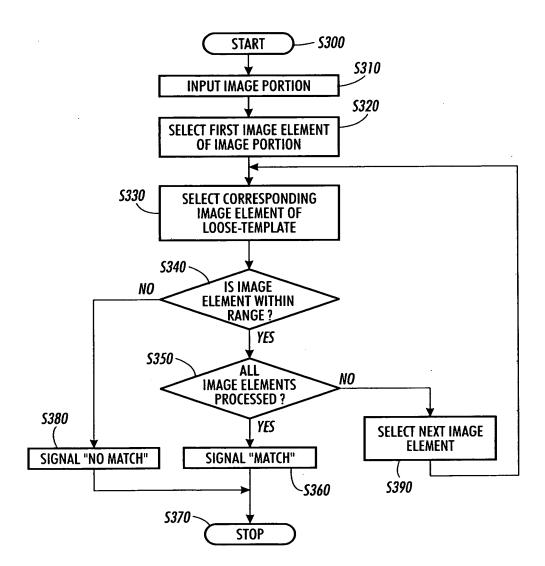


FIG. 6





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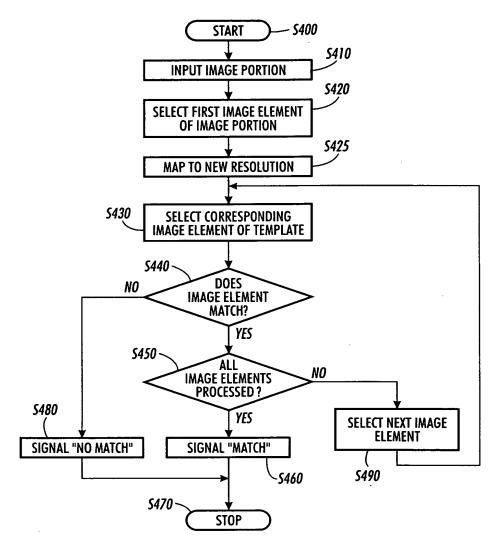


FIG. 7



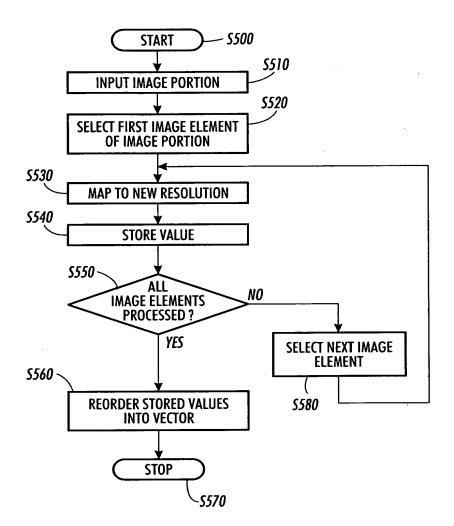
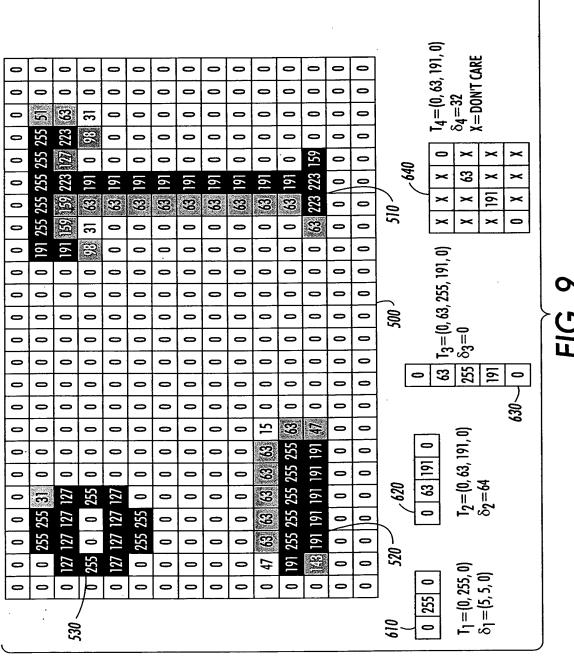


FIG. 8







								_								
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512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	T 4	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	12	12	12	12	12	12	12	12	12	0	0	0	512
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	0	0	0	0	0	0	0	0	0	0	T3	0	0	0	0	
	0	0	Ξ	Ξ	Ξ	0	0	0	0	0	T3	0	0	0	0	>225
	0	0	Ξ		Ξ	0	0	0	0	0	13	2	=	0	9	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	0	0	Ξ		Ξ	0	0	0	0	0	13	0	0	0	0	
532	0	0	Ξ	Ξ	Ξ	0	0	0	0	0	0	0	9	0	0	200
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FIG. 10



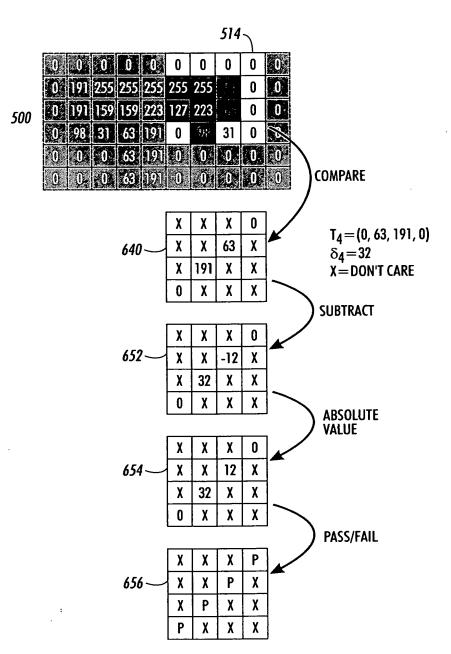


FIG. 11



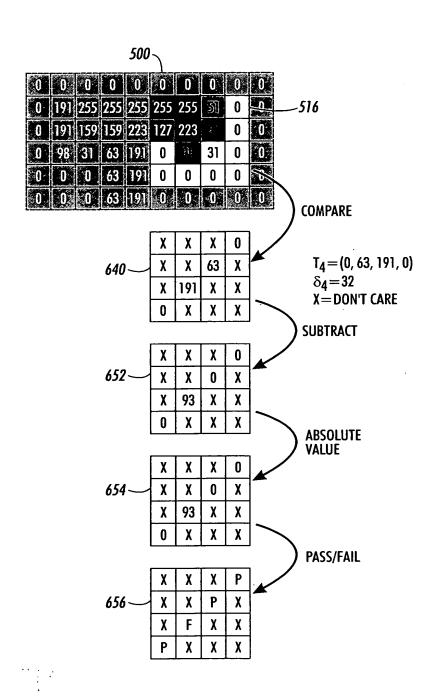


FIG. 12



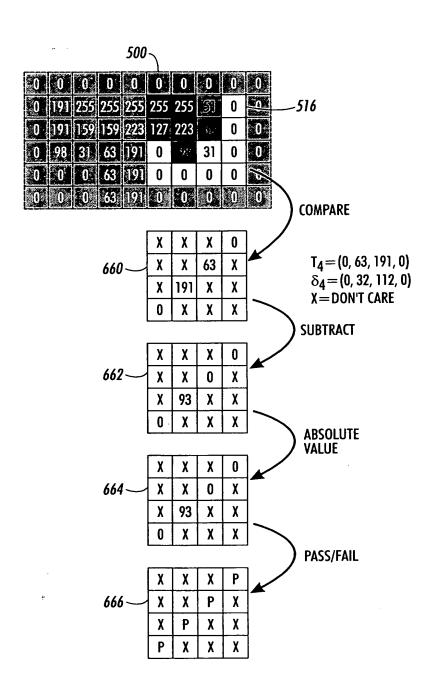


FIG. 13



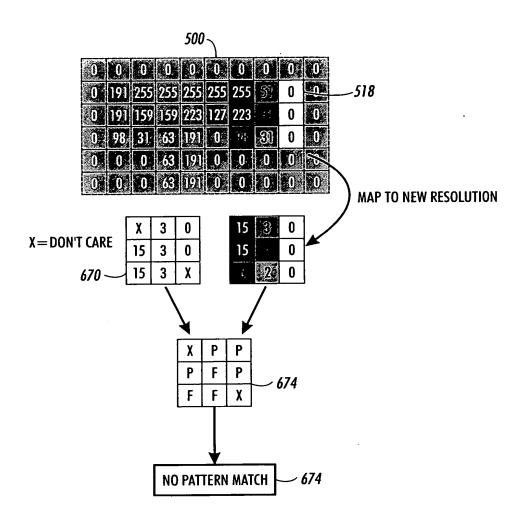
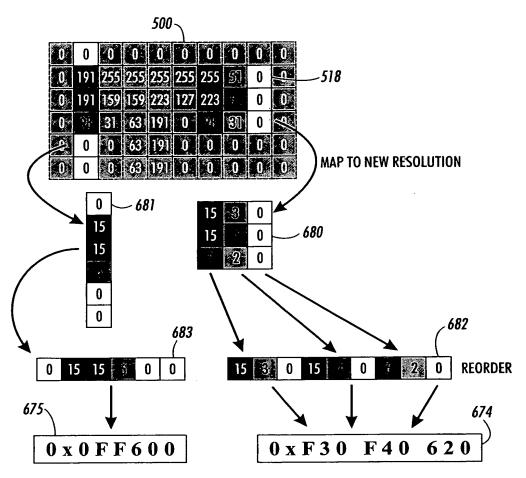


FIG. 14

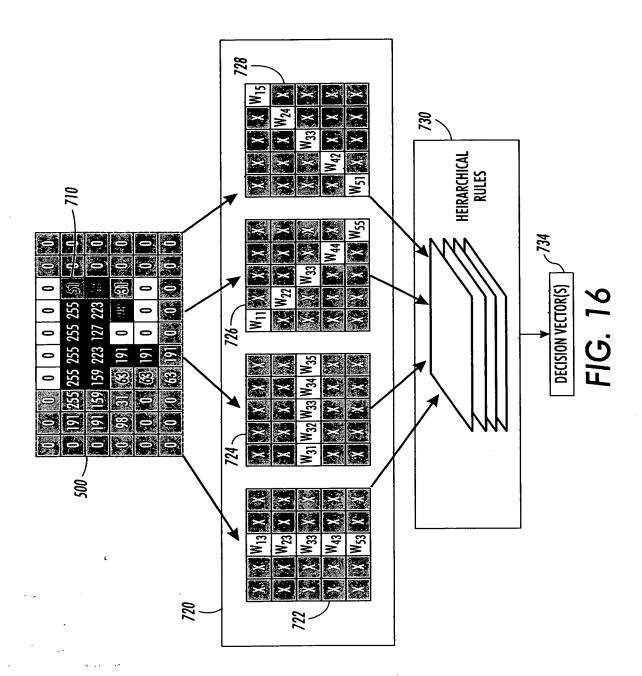




**FEATURE VECTORS (IN HEXIDECIMAL)** 

FIG. 15







## REPLACEMENT SHEET

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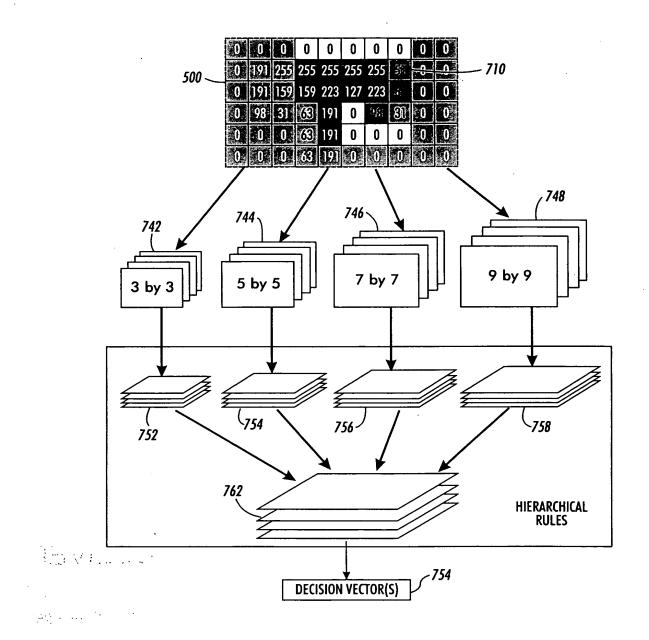


FIG. 17



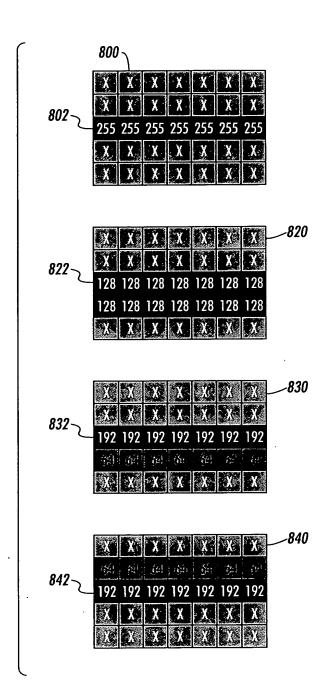


FIG. 18